

Shiga University of Medical Science 2010 Profile

著者	Planning and Management Office Shiga University of Medical Science
year	2010-02
その他の言語のタイトル	SUMS 2010 Profile
URL	http://hdl.handle.net/10422/2651



● The Emblem of Shiga University of Medical Science

This mark shows a combined image of “Ripples of Lake Biwa in Shiga” and “Wave motions of warmhearted light.” “Ripples” that move from the outside to the center indicate people’s hopes for medical care.

SUMS

2010 PROFILE

SHIGA UNIVERSITY OF MEDICAL SCIENCE



SHIGA UNIVERSITY
OF MEDICAL SCIENCE

Published February 2010
Edited by Planning and Management Office, Shiga University of Medical Science



A university,
trusted by the community,
and challenging the world



University President
Tadao Bamba

● PHILOSOPHY

Shiga University of Medical Science strives to serve the health and social welfare of the community by cultivating trustworthy medical professionals with the best possible training, and by promoting advanced research in medicine and nursing.

● OBJECTIVES

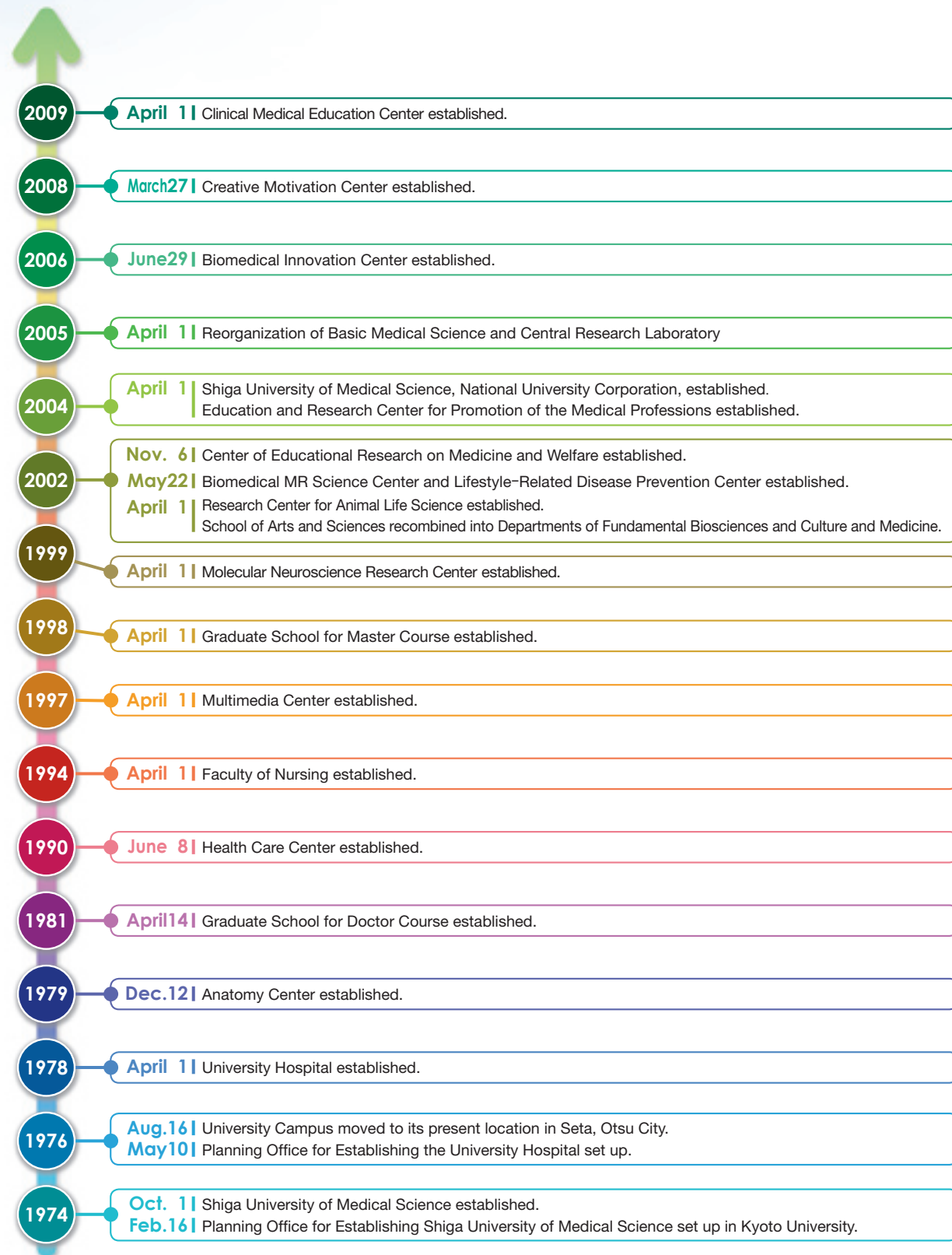
The principles of Shiga University of Medical Science are based on Japan's Fundamental Law of Education, the School Education Law and the National University Corporation Law. We provide students with a broad education in the liberal arts along with highly advanced professional skills in the fields of medicine and nursing. Our goal is to encourage a faithful sense of medical ethics and a spirit of scientific inquiry. This is to contribute to the development of medicine and nursing, and to the welfare of the community.

(The 1st article of the regulations of Shiga University of Medical Science)

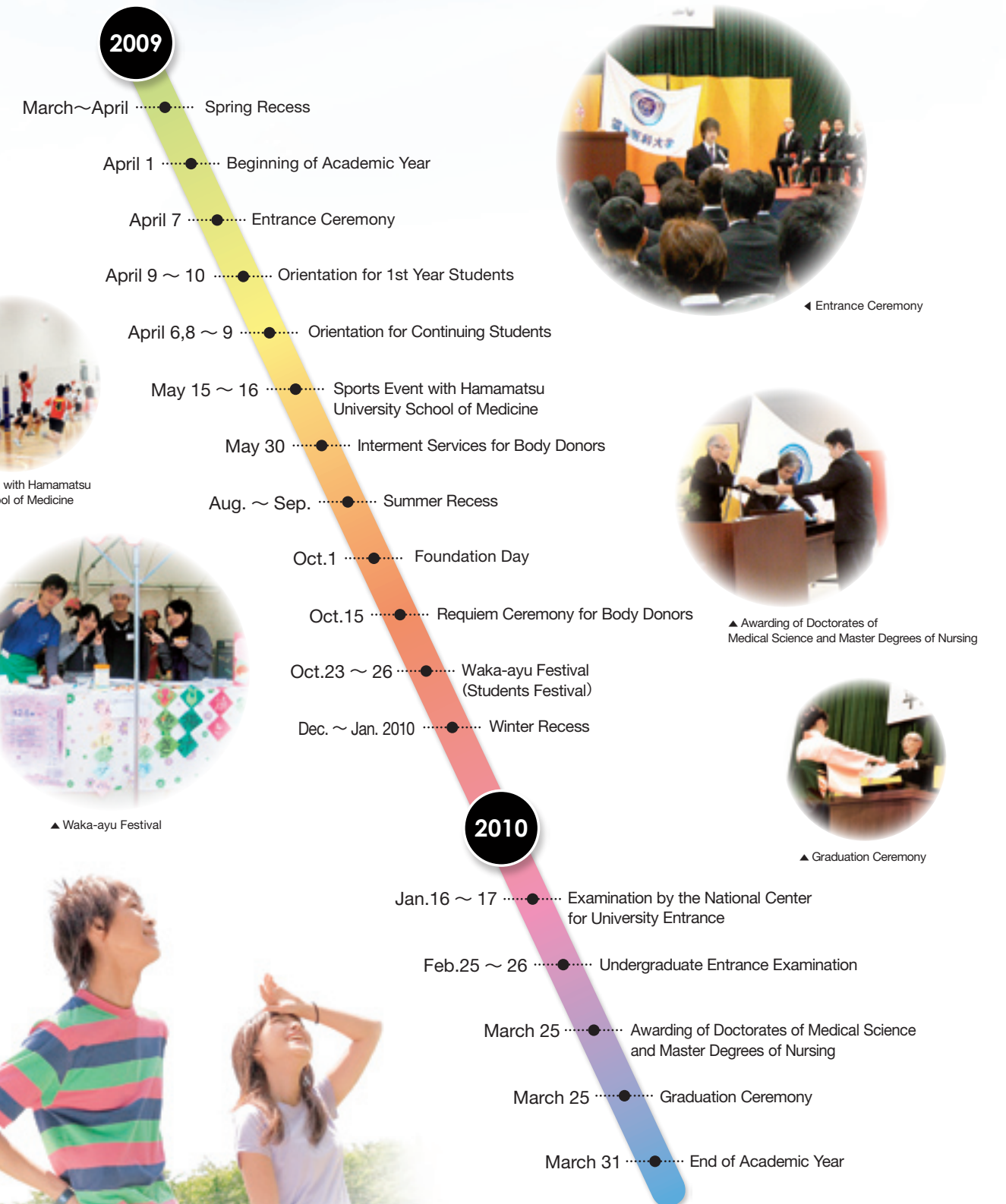
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HISTORY



ACADEMIC CALENDAR



MEMBERS OF THE BOARD

Member of the Board

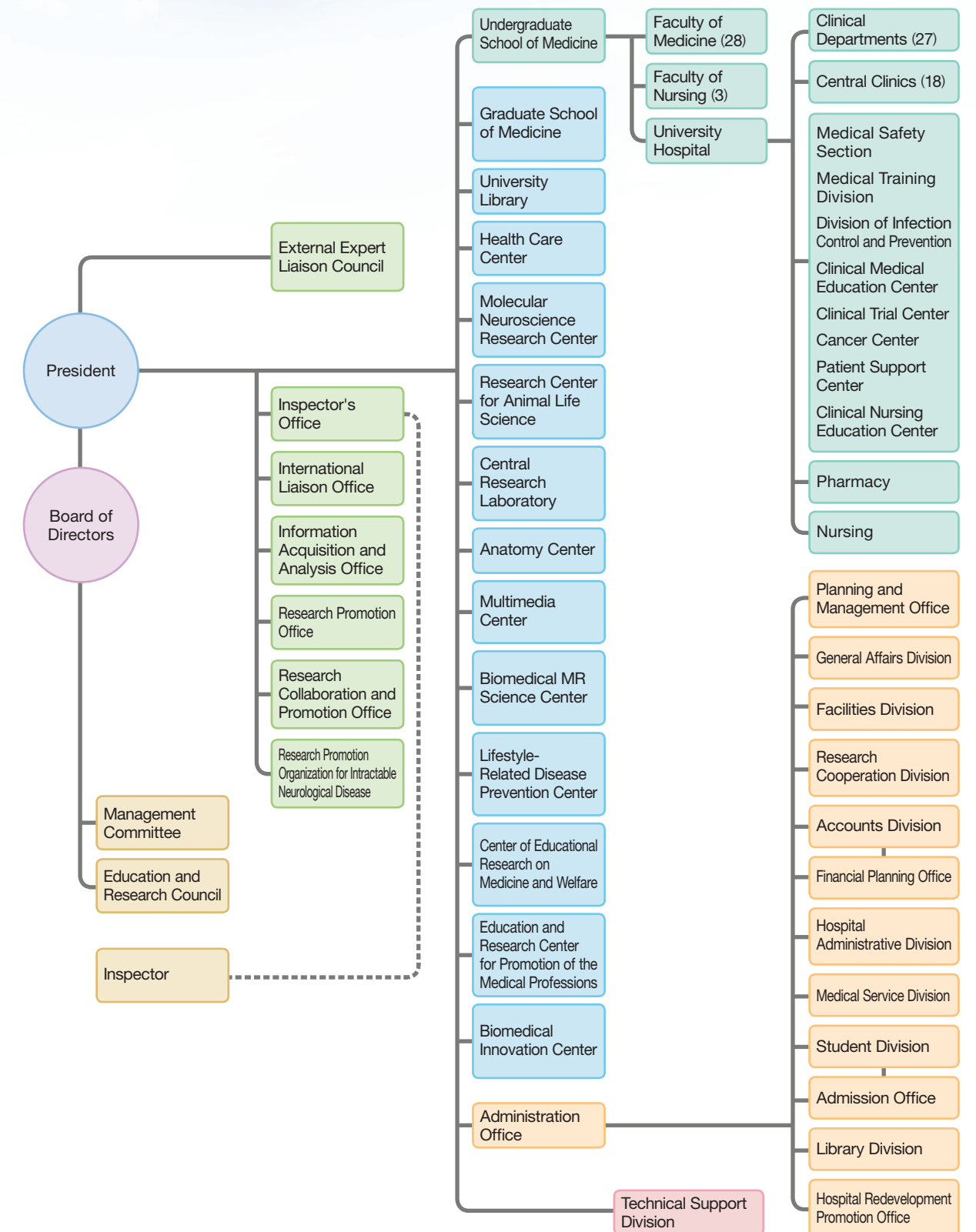
As of February 1, 2010

President	Director	Inspector
Tadao Bamba	Academic Affairs and Vice President Takanori Hattori	Toshikazu Araki
	Medical Affairs, Vice President and Hospital Director Atsunori Kashiwagi	Ajunct Takashi Okumura
	Fiscal Affairs Norihsa Murayama	
	General Affairs Nobuo Wakisaka	

Management Committee				Education and Research Council			
President	Tadao Bamba	President of Nagahama Institute Bio-Science and Technology	Yasutsugu Shimonishi	President	Tadao Bamba	Professors, Undergraduate School of Medicine	Osamu Hayashima
Director	Takanori Hattori	Chairman of Shiga Environmental Business Exhibition Association	Soujiro Takahashi	Director	Takanori Hattori		Kihachiro Horike
	Atsunori Kashiwagi	Emeritus Professor, Kyoto Sangyo University	Masanori Nitta		Atsunori Kashiwagi		Tohru Tani
	Norihsa Murayama	Alumni Association Chairman, Neurosurgery Department, Chief, Public Koga Hospital	Kazuyoshi Watanabe		Norihsa Murayama		Kenichi Mitsunami
	Nobuo Wakisaka				Nobuo Wakisaka		Setsuko Ohta
Administrative Scrivener	Hironobu Ikeguchi			Curator, University Library	Iwao Ohkubo	Head of General Affairs Division	Yutaka Iwasaka
President of Sunrise Publishing	Junko Iwane			Chief, Faculty of Medicine	Yusaku Okada	Head of Student Affairs Division	Kenichi Yuasa
				Chief, Faculty of Nursing	Kaoru Takigawa		

External Expert Liaison Council					
Governor of Shiga Prefecture	Yukiko Kada	Director of Shiga Nursing Association	Toshiko Fujii	Vice-President of the Shiga University of Medical Science Alumni Association and Occupational Health Consultant	Hitoshi Kaneko
Mayor of Otsu-City	Makoto Mekata	President of the University of Shiga Prefecture	Naohiro Soga	Director of the Japanese-Deutsches Kulturinstitut	Michio Okamoto
Mayor of Kusatsu-City	Wataru Hashikawa	President of Optex Co., Ltd.	Toru Kobayashi		
Director of Shiga Doctor's Association	Yasuhiro Asano	Director of Shiga Environmental and Life Cooperative	Ayako Fujii		

ORGANIZATION CHART



Undergraduate School of Medicine

As of February 1, 2010

Faculty of Medicine

28
courses

1 Basic Medical Science

8
courses

Fundamental Biosciences	Biochemistry and Molecular Biology
Culture and Medicine	Pathology
Anatomy	Pharmacology
Physiology	Social Medicine

2 Clinical Medicine

17
courses

Internal Medicine	Urology
Pediatrics	Ophthalmology
Psychiatry	Anesthesiology
Dermatology	Radiology
Surgery	Dentistry and Oral and Maxillofacial Surgery
Orthopaedic Surgery	Clinical Laboratory Medicine
Neurosurgery	Emergency and Intensive Care
Otorhinolaryngology-Head and Neck Surgery	Family Medicine
Obstetrics and Gynecology	

3 Department by Donations

3
courses

Sleep Medicine	Community Perinatal Medical Systems
Innovative Cancer Treatment Project	

Faculty of Nursing

3
courses

Fundamental Nursing	Community Life Nursing
Clinical Nursing	

Graduate School of Medicine

As of February 1, 2010

Doctor Course

5
majors

1 Biological Information Science

Minimally Invasive Medicine	Bio-Molecular Dynamics
Cell Information	Multi-Dimensional Image Analysis
Advanced Medical Specialist Training	

2 Integrated Medical Science

Neurological Regulation	Infectious Diseases and Immuno Regulation
Neuropathology	Mucosal Immunology
Endocrine Regulation	Advanced Medical Specialist Training

3 Regeneration and Tumor Science

Reproduction, Development and Regeneration	Genome Oncology
ES Cell	Molecular Genetics
Tumor-Morphology Informatics	Oncologist Training Courses
Advanced Medical Specialist Training	

4 Translational Research Science

Disease and Organ Regulation	Artificial Organ and Bioengineering
Genetic Regulation Therapy	Advanced Pain Regulation
Advanced Medical Specialist Training	

5 Science of Lifestyle-Related Diseases

Lifestyle-Related Disease Epidemiology	Work-Related Diseases
Vascular Function Regulation	Analytical Medical Genetics
Molecular Nutrition and Metabolism Regulation	
Advanced Medical Specialist Training	

Master Course

1
major

1 Nursing

3
fields

Fundamental Nursing	Family-Community Health Nursing
Clinical Nursing	

ADMINISTRATIVE AND ACADEMIC STAFF

Number of Staff Members

As of February 1, 2010

Classification		Members of the Board	Academic Staff					Administrative Staff	Technicians and Nurses	Grand Total	
			Professors	Associate Professors (I)	Associate Professors (II)	Assistant Professors	Research Associates				Total
Present Number		6 (1)	62	43	42	160	11	318	129	662	1115 (1)
Assignments of current staff	President	1									1
	Directors	4									4
	Inspectors	1 (1)									1 (1)
	Undergraduate School of Medicine		54	30	10	79	9	182		10	192
	University Hospital		1	8	31	72		112		621	733
	Health Care Center				1			1		1	2
	Molecular Neuroscience Research Center		4	2		3		9			9
	Research Center for Animal Life Science		1	1		3		5		5	10
	Central Research Laboratory			1			1	2		6	8
	Multimedia Center						1	1			1
	Biomedical MR Science Center		1	1				2			2
	Lifestyle-Related Disease Prevention		1			3		4			4
	Administration Office								129	19	148

Note: () = number of part-time

Center Director, etc.

As of February 1, 2010

Advisor to the President (Curriculum Coordinator)		Advisor to the President (Gender Equality)	
Kihachiro Horiike		Iwao Ohkubo	
University Library	Health Care Center	Molecular Neuroscience Research Center	Research Center for Animal Life Science
Curator (held concurrently) Iwao Ohkubo	Director (held concurrently) Yoshihide Fujiyama	Director (held concurrently) Hiroshi Kimura	Director (held concurrently) Ryuzo Torii
Center Research Laboratory	Anatomy Center	Multimedia Center	Biomedical MR Science Center
Director (held concurrently) Hiroshi Matsuura	Director (held concurrently) Kazumasa Ogasawara	Director (held concurrently) Iwao Ohkubo	Director (held concurrently) Toshiro Inubushi
Lifestyle-Related Disease Prevention Center	Center of Educational Research on Medical and Welfare	Education and Research Center for Promotion of the Medical Professions	Biomedical Innovation Center
Director (held concurrently) Minoru Horie	Director (held concurrently) Kenichi Mitsunami	Director (held concurrently) Takanori Hattori	Director (held concurrently) Tohru Tani

Undergraduate School of Medicine

As of February 1, 2010

Faculty of Medicine				Faculty of Nursing	
Chief (held concurrently) Yusaku Okada		Clinical Medicine		Chief (held concurrently) Kaoru Takigawa	
Basic Medical Science			Professor Minoru Horie		Professor Shigehiro Morikawa
Fundamental Bioscience	Professor Fukuo Yoshida	Internal Medicine	Professor Yoshihide Fujiyama	Fundamental Nursing	Professor Momoko Sakaguchi
	Professor Takahide Kimura		Professor Hiroshi Maegawa		Professor Keiko Kato
	Professor Hiroshi Sato	Pediatrics	Professor Yoshihiro Takeuchi		Professor Kaoru Takigawa
	Professor Masaru Komori	Psychiatry	Professor Naoto Yamada		Professor Naomi Miyamatsu
	Professor Osamu Hayashima	Dermatology	Professor Toshihiro Tanaka	Clinical Nursing	Professor Yoshihiro Endo
Culture and Medicine	Professor Hidemi Taira	Surgery	Professor Tohru Tani		Professor Hiroko Watanabe
	Professor Reiko Aiura		Professor Tohru Asai		Professor Hiromi Kuwata
Anatomy	Professor Motoi Kudo	Orthopaedic Surgery	Professor Yoshitaka Matsusue		Professor Setsuko Ohta
Physiology	Professor Kohnosuke Jinnai	Neurosurgery	Professor Kazuhiko Nozaki	Community Life Nursing	Professor Hitoshi Yasuda
	Professor Hiroshi Matsuura	Otorhinolaryngology-Head and Neck Surgery	Professor Takeshi Shimizu		Professor Hiroyo Hatashita
Biochemistry and Molecular Biology	Professor Kihachiro Horiike	Obstetrics and Gynecology	Professor Takashi Murakami	Molecular Neuroscience Research Center	
	Professor Iwao Ohkubo	Urology	Professor Yusaku Okada	Neurology Unit	Associate Professor Masaki Nishimura
	Professor Hiroshi Kimura	Ophthalmology	Professor Masahito Ohji	Unit for Neuropathology and Diagnostics	Professor Ikuo Tohyama
Pathology	Professor Hiroyuki Sugihara	Anesthesiology	Professor Shuichi Nosaka		Special Contract Professor Hiroyasu Taguchi
	Professor Kazumasa Ogasawara	Radiology	Professor Kiyoshi Murata	Unit for Neurobiology and Therapeutics	Associate Professor Makoto Urushitani
	Professor Bin Gotoh	Dentistry Oral and Maxillofacial Surgery	Professor Gaku Yamamoto	Neuroanatomy Unit	Professor Hiroshi Kimura
Pharmacology	Professor Tomio Okamura	Clinical Laboratory Medicine	Professor Hidetoshi Okabe	Unit for Animal Models of Neurological Disorders	Guest Professor Yoshisuke Takahashi
Social Medicine	Professor Katsuyuki Miura	Emergency and Intensive Care	Professor Yutaka Eguchi	Biomedical MR Science Center	
	Professor Katsuji Nishi	Family Medicine	Professor Kenichi Mitsunami	Project of Molecular and Cellular Biophysics	Professor Toshiro Inubushi
Graduate-level Medical Research		Department by Donations		Applied Biological Information Project	Associate Professor Akihiko Shino
Mucosal Immunology	Professor Akira Ando	Sleep Medicine	Special Contract Professor Soichiro Miyazaki	Research Center for Animal Life Science	
			Special Contract Professor Masako Ohkawa		Professor Ryuzo Torii
		Community Perinatal Medical Systems	Special Contract Professor Kentaro Takahashi		Guest Professor Teruhiko Wakayama
		Innovative Cancer Treatment Project	Special Contract Professor Yataro Daigo	Life style-Related Disease Prevention Center	
					Special Contract Professor Hirotugu Ueshima

● OUTLINE OF ACTIVITIES

Undergraduate Education

- **Setting goals for national examination pass rates**
Shiga University of Medical Science is aiming for its students to achieve a pass rate of 95% or more in the National Examination for medical practitioners, 98% or more in the National Examination for nursing practitioners, and 95% or more in the National Examination for public health nursing practitioners.
- **Implementing hands-on training in comprehensive medicine for all students**
Based on the success of education projects such as training for patient visits, the university has established hands-on training in comprehensive medicine for all students and is working to develop the abilities of students to communicate and think logically.
- **Medical student support program through local "foster parents"**
With the goal of training doctors and nurses who will be in charge of future local medical services, Shiga University of Medical Science has established an advising system for students in which people including graduates are assigned as "foster parents" and local residents as "semi-foster parents" to students from when they first enter the university.



Graduate Education

- **Cancer professional training**
Shiga University of Medical Science trains cancer specialists in the fields of radiation therapy, chemotherapy, and palliative therapy.
- **Advanced specialization training**
The university has created an Advanced Specialist Training Program for all study courses and aims for the students to obtain doctorates, becoming specialist doctors.
- **Promotion of bio-medicine**
Through a strategic partnership with Nagahama Institute of Bio-science and Technology, Shiga University of Medical Science is developing cutting-edge bio-medicine.



Promotion of Priority Research Projects

1	Medical research using monkeys	<ul style="list-style-type: none">● Research on regenerative medicine, induction of ES cell differentiation, and establishment of iPS cells● Development of vaccines for new influenza strains● Creation of disease models for such as Alzheimer's disease and ALS
2	Research on intractable neurological diseases	<ul style="list-style-type: none">● Research on the diagnosis and treatment of Alzheimer's disease● Research on the causes of ALS
3	Medicine related to magnetic resonance (MR)	<ul style="list-style-type: none">● Research on molecular imaging using animal models● Promotion of minimally invasive medical treatments
4	Medicine related to life-style disease	<ul style="list-style-type: none">● Large-scale collaborative research on the prevention of life-style related diseases● Research on the epidemiology of arterial sclerosis● Research on predictive health risk factors, particularly of high blood pressure and obesity

Next Generation Research Projects

- Development of robots for use within the body (JST Innovation Project, City Area Program)
- Application of nanoparticles in medicine (JST Innovation Project, City Area Program)
- Research on tumor suppressor gene (RB1CC1) (Grand-in-Aid for Scientific Research on Priority Areas)
- Research on human testicular tumors (Grand-in-Aid for Scientific Research (B))
- Research on cardiac arrhythmia by ion channel abnormalities (Grand-in-Aid from the Ministry of Health, Labor and Welfare)



Management

Management-related Efforts

- Shiga University of Medical Science is compiling the next 6-year plan for staffing, finance and facilities in order to promote further development in education, research and treatment.

Personnel-related Efforts

- Shiga University of Medical Science implements a strict and proper staff management system.
- We implement faculty/staff evaluations, and the results of evaluations will be reflected in funding and incentives.

Evaluation-related Efforts

- We are compiling a multi-faceted evaluation plan, taking into account the results of the Corporation and Certification Evaluation System and with advice from university staff members.

● NUMBER OF STUDENTS

Undergraduate Students

As of February 1, 2010

Faculty	Students	Total	Target number per year	Number of graduates
Faculty of Medicine	Male	367	93	2,075
	Female	230		732
	Subtotal	597		
Transferred graduate students in the 2nd semester of the 2nd year	Male	28	17	2,807
	Female	22		
Faculty of Nursing	Male	13	60	26
	Female	251		796
	Subtotal	264		
Transferred students in the 3rd year	Male	0	10	822
	Female	20		
Total		861	153	3,629

Graduate Students

As of February 1, 2010

Courses		Present numbers						Target number per year	Target total number
		Students	1st	2nd	3rd	4th	Total		
Doctor Program	Biological Information Science	Male	1	1	0	4	6	6	24
		Female	1	1	2	1	5		
	Integrated Medical Science	Male	6	1	2	2	11	7	28
		Female	2	3	4	1	10		
	Regeneration and Tumor Science	Male	2	4	1	1	8	5	20
		Female	0	3	2	1	6		
	Translational Research Science	Male	12	8	9	16	45	7	28
		Female	3	3	5	7	18		
	Science of Lifestyle-Related Diseases	Male	1	3	5	3	12	5	20
		Female	2	1	1	4	8		
	Subtotal		30	28	31	40	129	30	120
Master Program	Nursing	Male	3	2	—	—	5	16	32
		Female	10	17	—	—	27		
	Subtotal		13	19	—	—	32	16	32
Total			43	47	31	40	161	46	152

Educational Activities

Research Activities

INTERNATIONAL ACADEMIC EXCHANGES

Since it was founded in 1975, Shiga University of Medical Science (SUMS) has actively promoted international academic exchanges. The goal of these exchanges is to foster the talents of students pursuing careers in medicine and the efforts of those engaged in medical research and education. Academic exchange agreements have been concluded with several major universities throughout the world. To date, SUMS has welcomed many students and scholars from overseas through these programs. In the past 10 years, SUMS accepted about 100 guest researchers, and 28 researchers entered the graduate school, and got the Doctor in Medicine Degree. There are currently 7 graduate students, and 7 scholars working in their respective fields at the university, representing the countries of England, Bangladesh, China, Brazil, Kenya, Egypt, Belarus and Vietnam. In addition, the number of university staff and faculty members dispatched abroad to attend international conferences or to work with their overseas counterparts has been increasing yearly. Since 2003, SUMS has been providing a curriculum of voluntary study for 4th year students to study abroad, and nearly 30 students go to universities, research institutes and hospitals worldwide every year.

To help meet the housing needs of the growing number of visiting students and scholars, SUMS constructed an International House, which was completed in 1994. The building is a three-story residence offering a broad range of amenities in a convenient location at the edge of campus. Any registered student or scholar from overseas, along with their family members, is qualified to reside at the International House.

Academic exchange agreements and International House accommodations are helping to keep SUMS at the forefront of international cooperation and learning in all medical fields.



Creative Motivation Center



International House

Foreign Students

As of February 1, 2010

Country	Year	2005	2006	2007	2008	2009
Bangladesh		2	2	2	1	
Mongolia		1	1	1		
China		6	4	4	3	4
Taiwan		2	1	1	1	
Bulgaria		1	1			
Hungary		1	1	1	1	
Egypt		1	1	1	2	1
Belarus			1	1	1	1
Vietnam						1
Total		14	12	11	9	7

Universities with Cooperative Agreements

Institution	Country	Date Agreed
Beihua University	China	1984.11.24
Changchun Municipal Hospital	China	1984.11.24
The University of British Columbia	Canada	1990. 7.26
University of Michigan	USA	1990.11.29
China Medical University	China	1993. 9.28
Rome University "La Sapienza"	Italy	1994.10.28
The University of Picardie Jules Verne	France	1995. 5.16
Harbin Medical University	China	2001.11.21
University Hospital of Amiens-Picardie	France	2004.10. 4
Cho Ray Hospital	Vietnam	2006.12.25
University of Medicine and Pharmacy at Ho Chi Minh City	Vietnam	2008. 6.23
The Japan Center for Michigan Universities	USA	2008.11.19
Northeastern University	China	2009. 5. 1

International House

Type	Area	Number
Single Room	16 m ²	16
Double Room	40 m ²	5
Family Room	60 m ²	3



Visit by Beihua University Delegation



Foreign Students Excursion



Social Meeting with International Students



Signing Ceremony with Ho Chi Minh University

UNIVERSITY LIBRARY

FACILITIES



Library and Multimedia Collaboration Center



University Library



University Library



Basic Medicine Education and Research Building



School of Nursing Building



University Hospital



New Ward D



Pediatric Ward

Library Holdings

As of February 1, 2010

Section	Books			Number of Journals (titles)		
	Japanese	Foreign	Total	Japanese	Foreign	Total
Medicine	52,864	73,990	126,854	729	1,386	2,115
General Education	20,767	6,164	26,931	51	30	81

Use of the Library

As of February 1, 2010

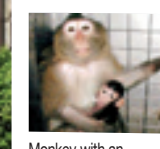
Items	Numbers
Items Borrowed	Books 9,575
	Journals 2,541
Copying of Documents	Received 4,042
	Requested 3,626
Audiovisual Facilities Used	106



Research Center for Animal Life Science



Seven Tesla MR Device



Monkey with an Artificially Fertilized Baby



NMR Center



Biomedical Innovation Center



Established April 1, 1978
 Opened October 1, 1978
 Beds 608
 Building Ground Area 15,923m²
 Total Floor Space 56,376m²

Philosophy

Holistic Medicine Pursuing the Achievement of Confidence and Satisfaction

Basic Policies

- Provide patient-oriented medical care
- Aim for a hospital with confidence, relief and satisfaction
- Provide highly-advanced medical care with a kind hospitality
- Aim for a community-based university hospital
- Educate medical professionals receiving recognition in world medical community
- Aim for a sound hospital management

Training of Highly Qualified Medical Professionals

- Providing basic medical training in the local community through various effective, wide-ranging training programs
The Clinical Medical Education Center runs extensive training programs.
- Educating specialized medical professionals
Providing Core Life-long Advanced Specialist Training Programs.
- Promoting the specialization and certification of co-medical staff
The acquisition of specialized qualification is promoted.

Providing Highly Qualified Medical Treatment

- Promoting advanced, specialized cardiovascular medical care
 - Promoting interventional treatment for patients with coronary artery diseases and cutting-edge medical care for those with serious arrhythmia.
 - Promoting advanced, specialized cardiovascular surgery.
- Promoting advanced cancer treatments
 - The university hospital is a core hospital for cancer treatment in Shiga prefecture, and expanding its capabilities as a Cancer Center.
 - Promoting specialist training courses in multidisciplinary cancer therapy.

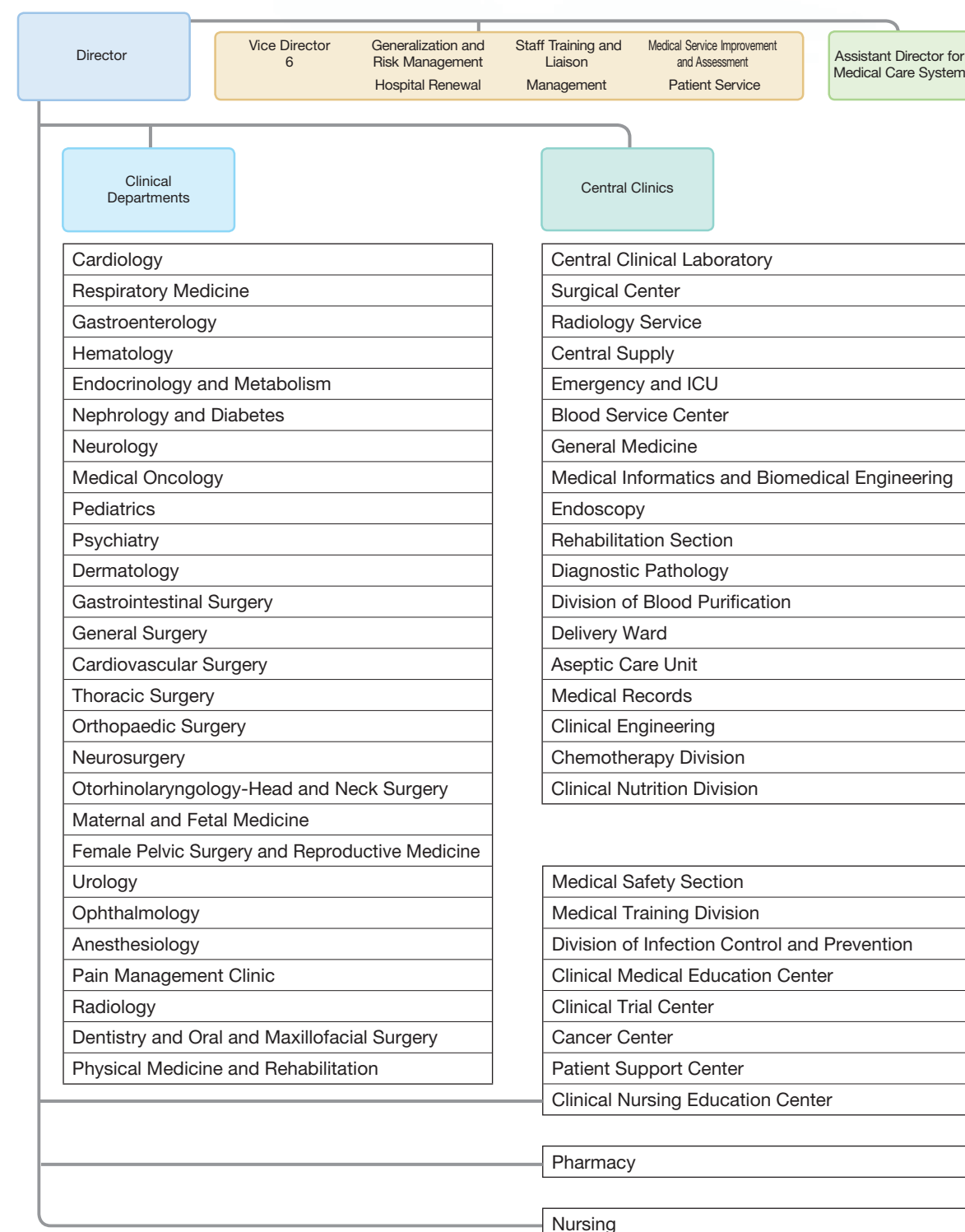
Contributing to Local Medical Care

- The capabilities of the Patient Support Center will be expanded, and partnership with local medical facilities, promoted.
- The goal is to create a system that lets residents of the prefecture receive enough cancer treatment.
- The university will contribute to local medical care through various efforts including a perinatal care system and emergency medical care system.

Hospital Renewal (working to realize ideal medical care)

- Renovation of wards A and B will be completed, wrapping up the redevelopment of wards and transforming them into ones with greater amenities and enhanced safety management.
- In addition to providing the maternal and fetal medicine ward and pediatrics ward with the latest equipment, the NICU and GCU capabilities will be strengthened, and perinatal medical care expanded.
- A Cell Therapy Center will be newly built and capabilities of the Endoscopy Center will be strengthened.
- A new surgery ward will be completed, creating an advanced surgery system.

Organization Chart



● DIAGNOSIS AND TREATMENT

As a regional core hospital, the university hospital has striven to provide high quality medicine and to train specialized medical personnel. In addition to raising the quality of patient services, our hospital has renewed its Quality Health Care Evaluation (Ver. 5) conducted by the Japan Council for Quality Health Care.

Providing Patients with Advanced Medicine

● Providing advanced medical technology

Advanced medical technology refers to the technology that the Ministry of Health, Labor and Welfares has approved as most advanced. This approval is granted only for the medical facilities that possess well-trained staff and up-to-date facilities and equipment. The following five technologies are available at our hospital (as of Nov. 1, 2009).

1 Non-invasive diagnosis of diabetic foot syndrome using 31-phosphorous magnetic resonance spectroscopy and chemical shift imaging

Foot diseases are diagnosed early and correctly by this non-invasive method.



2 Immunotherapy for cancer patients using dendritic cells and tumor antigen peptides

Dendritic cells that induce killer lymphocytes against cancer cells are cultured and then injected into the patient. At our hospital, this treatment is applied for patients with lung cancer and breast cancer.



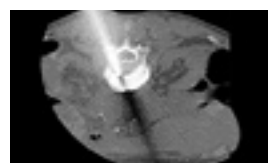
3 Anti-cancer drug sensitivity testing using CD-DST

A drug sensitivity test, using patient's tumor cells, enables selection of the drugs optimal for the treatment of individual tumors in advance of drug administration. At our hospital, this treatment is applied to gastrointestinal cancer, breast cancer, metastatic liver cancer, metastatic lung cancer and carcinomatous pleuroperitonitis.



4 Percutaneous vertebroplasty (PVP) for treating bone fragility caused by osteoporosis and bone tumors

In this treatment, bone cement is injected into fragile bones to enhance the strength of bones.



5 Treatment of bone fractures using ultrasound

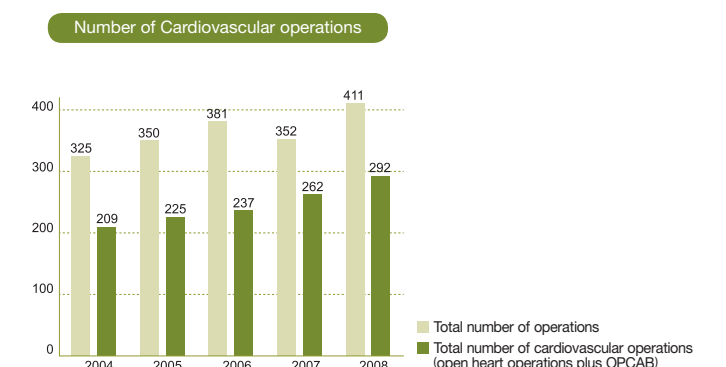
This is a type of treatment for arm and leg fractures that require an operation. After the operation, the area of the fracture is exposed to low-intensity ultrasound, which accelerates recovery. The time required for bone fusion is reduced by around 40%.



Providing High Quality Surgery

● Promoting advanced cardiovascular (off pump coronary artery bypass) operations

In our institution almost all patients undergo coronary artery bypass grafting without cardiopulmonary pump. This operation requires advanced techniques, but is less invasive than conventional operation. Even elderly patients and patients for whom surgery could not otherwise be recommended because of the burden to the body can walk and eat the day after the operation, and are able to be discharged from the hospital within 1-2 weeks. In addition, the number of operations conducted each year has increased.



Renewed Quality Health Care Evaluation (ver.5.0) Certification

Having received its first approval in February 2004, our hospital renewed its Quality Health Care Evaluation Certification, which is provided by the Japan Council for Quality Health Care, on May 1, 2009. Our hospital has continued to strive to further strengthen the quality of its medical treatments, which have been evaluated as high quality.

“The Japan Council for Quality Health Care” evaluates the qualities of medical facilities from a neutral position in order to expand and improve the function of Japanese medical facilities.



▲ Renewed Certification

Introduction of the latest 3 Tesla (T)MRI equipment

To promote advanced medicine, the university hospital has set up 3-T and 1.5-T MRI equipment. By dramatically reducing the time for scans, it has become possible not only to demonstrate its usefulness in diagnosing acute strokes but also to capture minor changes in a brain. In addition, the hospital has increased its ability to diagnose aneurysms. It is also now possible to track distribution of nerve fibers and metabolic changes in the brain, and imaging diagnosis of the brain and spinal cord has been tremendously improved. It is expected that diagnosis of lesions in joints, breasts, and the pelvic cavity will improve using high definition images from the 3-T MRI.

Designated as the Shiga Core Hospital for Advanced Cancer Treatment

In November 2008, the university hospital was designated as the Shiga Core Hospital for cancer treatment, and the comprehensive cancer treatment program was launched. In order to improve the cancer treatment in Shiga prefecture, our university plays a role in training cancer specialists, and sends those specialists to affiliated hospitals. In order to standardize cancer treatment, our university takes part in the Shiga Cancer Treatment Coordination Council in Shiga prefecture.

MAP OF FACILITIES



Number	Name of Building	Number	Name of Building
1	General Education and Research Building	16	Energy Center
2	Basic Medicine Education and Research Building	17	Nurses' Housing
3	Basic Medicine Laboratories and Lecture Halls	18	Incinerator Facilities
4	School of Nursing Building	19	Waste Treatment Facilities
5	Student Center	20	Waste Water Treatment Facilities
6	Central Research Laboratory	21	Martial Arts Gymnasium
7	Molecular Neuroscience Research Center	22	Guest House
8	Clinical Medicine Education and Research Building	23	International House
9	Central RI Research Laboratory	24	Swimming Pool
10	Research Center for Animal Life Science	25	Music Hall
11	Clinical Lecture Halls	26	NMR Center
12	Administration Building	27	Storehouse
13	University Library	28	Biomedical Innovation Center
14	University Hospital	29	Nursery Center
15	Gymnasium	30	Creative Motivation Center

NAME AND ADDRESS

Shiga University of Medical Science

